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TITLE: RECORD READ OUT  
METHOD OF RUNNING STATE OF RUNNING  
AUTOMOBILE

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### ABSTRACT:

**PROBLEM TO BE SOLVED:** To read out and indicate the record at the collision time later by recording in plural times a car speed before several seconds or scores of seconds traced back from the present point of time of a running car, the intensity and direction of a shock by a trouble, a handle operation state, a gear change state and other operation states along with a time.

**SOLUTION:** Operation states like the car speed of a running automobile, a handle operation state and a brake operation state are detected by a sensor 1, and the detection signal is taken into a car speed

signal from an interface part 2, an acceleration signal by a shock, an airbag operation signal, a change gear signal, a handle signal, an accelerator signal, a direction indication signal and a brake signal are taken into the microcomputer 14 of a microcomputer part 3, and the signals are recorded to RAM 16 divided to plural memory blocks and always the last several seconds or scores of seconds are recorded along with a time signal while changing the memory block when the signal exceeds a threshold value, and the recorded plural times trouble information is taken in from the rear out device to an operation state analysis device 23 later and the operation state at the vehicular trouble time, the collision direction of the trouble and a shock strength are analyzed and indicated by plural numbers along with its time by a display or printing out.

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